0997

PB 209 703

AIR POLLUTION REPORT

FEDERAL FACILITIES

METROPOLITAN DALLAS - FT WORTH

INTRASTATE AIR QUALITY CONTROL REGION

ENVIRONMENTAL PROTECTION AGENCY

Air Pollution Control Office

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INFORMATION SERVICE
Springfield, Va. 22151

34

BIBLIOGRAPHIC DATA SHEET	1. Report No. APTD-0997	2.	3. Recipient's Accession No.
4. Title and Subtitle Air Pollution Report - Federal Facilities Metropolitan Dallas - Ft. Worth Intrastate Air Quality Control Region			5. Report Date May 1971 6.
7. Author(s) Franklin M. Orr, Jr.			8. Performing Organization Rept. No.
9. Performing Organization Name and Address ENVIRONMENTAL PROTECTION AGENCY Air Pollution Control Office Division of Abatement, Federal Facilities Branch Rockville, Maryland			10. Project/Task/Work Unit No. 11. Contract/Grant No.
12. Sponsoring Organization Name and Address Same			13. Type of Report & Period Covered 14.

15. Supplementary Notes

16. Abstracts

The status is presented of the Federally owned facilities within the Metropolitan Dallas - Ft. Worth Air Quality Control Region with regard to the implementation of the objectives prescribed by the Clean Air Act, as amended. Fuel usage, refuse disposal practices, air pollution emissions and proposed abatement measures for the listed installations are reported. This Region was subsequently redesignated and its boundaries expanded, hence, the data do not reflect Federal facility emissions data for the counties of: Cooke, Erath, Fannin, Grayson, Hood, Hunt, Navarro, Palo Pinto, and Somervell in Texas, which have been added to the region.

17. Key Words and Document Analysis. 17a. Descriptors

Air Pollution
Inventories
Exhaust Emissions
Fuels
Refuse Disposal
Abatement
Urban Areas
National Government
Natural Gas
Sulfur Oxides
Nitrogen Oxides
Carbon Monoxide
Particles
Hydrocarbons

17b. Identifiers/Open-Ended Terms

17c. COSATI Field/Group 13 B

18. Availability Statement	19. Security Class (This Report)	21. No. of Pages
Unlimited	UNCLASSIFIED	33
	20. Security Class (This Page) UNCLASSIFIED	22. Price

ADDENDUM TO THE PUBLICATION

"AIR POLLUTION REPORT ON FEDERAL FACILITIES IN THE METROPOLITAN DALLAS-FT. WORTH INTRASTATE AIR QUALITY CONTROL REGION", May, 1971.

This inventory was prepared consistent with the report entitled "Consultation on the Metropolitan Dallas-Ft. Worth Intrastate Air Quality Control Region", October 1969, and the geographical designation of January 20, 1970. On February 9, 1971, in line with the concept of including the entire United States in these geographical units called Air Quality Control Regions, this Region was redesignated and its boundaries expanded by the Environmental Protection Agency. Hence, the data presented herein do not reflect Federal facility emissions data for the counties of: Cooke, Erath, Fannin, Grayson, Hood, Hunt, Navarro, Palo Pinto, and Somervell in Texas, which have been added to the region.

Federal Sources Branch
Division of Compliance
Environmental Protection Agency

November 2, 1971

AIR POLLUTION REPORT

FEDERAL FACILITIES

METROPOLITAN DALLAS - FT WORTH

INTRASTATE AIR QUALITY CONTROL REGION

FRANKLIN M. ORR JR.
FEDERAL FACILITIES BRANCH
DIVISION OF ABATEMENT
AIR POLLUTION CONTROL OFFICE
ROCKVILLE, MARYLAND

MAY 1971

TABLE OF CONTENTS

		PAGE
NARRATIVE		1
FIGURE 1.	MAP OF METROPOLITAN DALLAS-FT WORTH AIR QUALITY CONTROL REGION	3
TABLE I.	FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES	4
TABLE II.	ANNUAL FUEL USE BY FEDERAL FACILITIES	23
TABLE III.	FEDERAL CONTRIBUTION TO AIR POLLUTION	24
TABLE IV.	FEDERAL POINT SOURCES	25
TABLE V.	ABATEMENT PROGRAM FOR FEDERAL PROBLEM AREAS	26
TABLE VI.	POLLUTANT REDUCTION GOALS	28
REFERENCES AND NOTES		29

NARRATIVE

This report presents the current status of the Federally owned facilities within the Metropolitan Dallas - Ft. Worth Air Quality Control Region with regard to the implementation of the objectives prescribed by the Clean Air Act, as amended. The data in this report are the most recently available and reflect the current fuel usage, refuse disposal practices, air pollution emissions and proposed abatement measures for the listed installations.

I. BOUNDARIES OF THE AIR QUALITY CONTROL REGION

On January 20, 1970, the Metropolitan Dallas - Ft. Worth Intrastate Air Quality Control Region was designated pursuant to section 107(a) of the Clean Air Act, as amended. The 10 county intrastate Region consists of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant and Wise Counties all in the State of Texas.

II. NUMBER OF FEDERAL FACILITIES

There are 112 Federal installations within the Region and of these 41 are involved in burning either fossil fuels or refuse. Table I lists those facilities and the quantities of fuel and refuse burned by each. Table II is a summary of the total annual fuel usage for the respective Counties within the Region. Federal facilities use only natural gas as fuel in this Region. No coal or oil is used.

III. FEDERAL CONTRIBUTIONS TO AIR POLLUTION

The Federal facilities within the Metropolitan Dallas - Ft. Worth Air Quality Control Region emit annually a total of 4300 tons of hydrocarbons, 470 tons of nitrogen oxides (NO_x), 47 tons of particulates (PART), 36 tons of carbon monoxides (CO) and 4 tons of sulfur oxides (SO_x). Federal facilities contribute approximately .1 percent of the particulates and .03 percent of the sulfur oxides emitted by all sources in the region.

Aircraft emissions as well as emissions from other transportation sources are not included in this report. Such emissions are significant, however. Annual emissions from Federally owned aircraft are estimated to be approximately 4400 tons of hydrocarbons, 1700 tons of particulates, 2100 tons of nitrogen oxides and 21,000 tons of carbon monoxides. This estimate does not include the contribution of helicopter flights at Fort Wolters for which no estimates are available.

Table IV lists those Federal facilities which are classified as major point sources. Two such sources exist in the region: the Navy Aircraft Plant and Air Force Plant 04. Emissions for Air Force Plant 04 were estimated since the required data were not supplied by the contractor operating the facility.

IV. REMEDIAL ABATEMENT MEASURES PROPOSED

Seven Federal facilities, listed in Table VI, reported air pollution problems and/or proposed remedial measures in their 1967-1972 five year abatement plans. These actions and the expected reductions in the air pollution emissions produced by these facilities when all of the abatement plans have been put into effect are presented by Table VII.

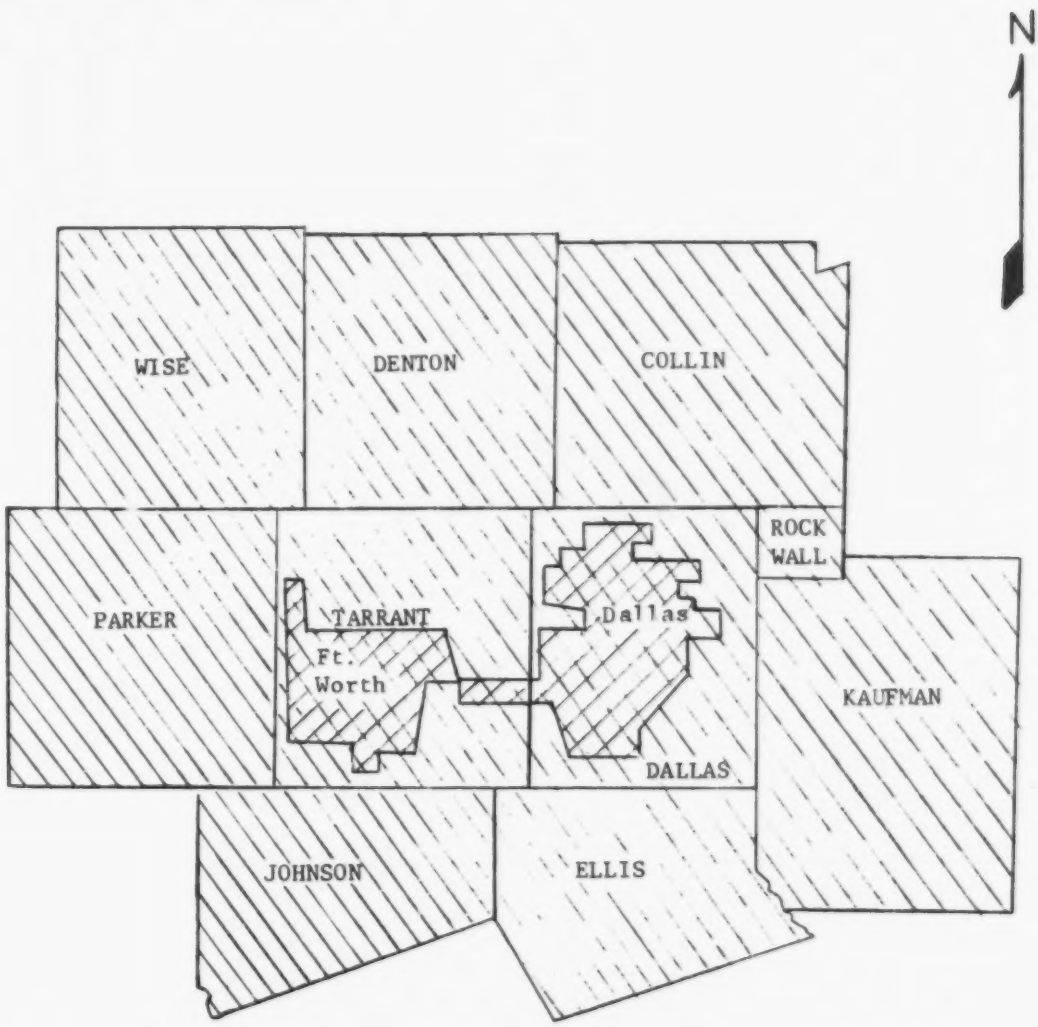

FIGURE 1

METROPOLITAN DALLAS - FORT WORTH INTRASTATE

AIR QUALITY CONTROL REGION

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
TEXAS COLLIN FARMERSVILLE							
POST OFFICE 203 MCKINNEY	0	10	330	0	0	0	
FAA--RMLR	0	0	0	0	0	0	RADAR MICRO-WAVE LINK
TEXAS COLLIN MCKINNEY							
FED BLDG LAMAR ST	0	0	1095	0	0	0	
JOB CORPS MCKINNEY	0	0	1098	0	0	0	
TEXAS COLLIN PLANO							
FAA--VTAC	0	0	0	0	0	0	RANGE/DIRECT AID

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER
TEXAS COLLIN RENNER							
FAA--RMLR	0	0	0	0	0	0	RADAR MICRO-WAVE LINK
TEXAS COLLIN WYLIE							
LAVON RESERVOIR	0	0	0	0	0	0	
TEXAS DALLAS ADDISON							
FAA--VOR	0	0	0	0	0	0	RANGE/DIRECT AID
TEXAS DALLAS DALLAS							
VA HOSPITAL S LANCASTER	0	1005	88250	0	0	0	

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
PO & CTHSE BRYAN ST	0	0	20340	0	0	0	
US TERMINAL ANNEX	0	0	6640	0	0	0	
CTHSE & FOB COMMERCE ST	0	0	16300	0	0	0	
FOB SITE COMMERCE ST	0	0	0	0	0	0	
FAA--OM	0	0	0	0	0	0	OUTER MARKER
FAA--FM	0	0	0	0	0	0	RADIO MARKER BEACON
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--ALSF	0	0	0	0	0	0	APPROACH LIGHT SYSTEM
FAA--LOC	0	0	0	0	0	0	HORIZONTAL NAV AID
FAA--GS	0	0	0	0	0	0	VERTICAL NAV AID
FAA--PAR	0	0	0	0	0	0	APPROACH RADAR
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER
FAA--ALSF	0	0	0	0	0	0	APPROACH LIGHT SYSTEM
FAA--MM	0	0	0	0	0	0	MIDDLE MARKER

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--VASI	0	0	0	0	0	0	LANDING LIGHTS
FAA--ATCT	0	0	0	0	0	0	AIR TRAFFIC CNTRL TOWER
FAA--ATCT	0	0	0	0	0	0	AIR TRAFFIC CNTRL TOWER
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER
MATERIALS TSTNG LAB	0	0	955	0	0	0	
NAVY AIRCRFT PLANT	0	1920	1148789	0	0	0	REFUSE COLLECTED
NAVAL AIR STATION	5	45	61400	0	0	0	

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
NAVAL RSRVE TNG CTR	0	0	0	0	0	0	
ARMY RESERVE CENTER 01	0	0	1800	0	0	0	REFUSE COLLECTED
ARMY RESERVE CENTER 02	0	0	1800	0	0	0	REFUSE COLLECTED
TEXAS DALLAS DUNCANVILLE							
FAA--H	0	0	0	0	0	0	HOMING BEACON
NIKE DALLAS FT WORTH HQ	0	0	0	0	0	0	CLOSED
TEXAS DALLAS MESQUITE							
ARMY RESERVE CTR MESQUITE	0	0	1800	0	0	0	REFUSE COLLECTED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
TEXAS DALLAS GARLAND							
GARLAND ARMORY CMF	0	0	0	0	0	0	COMMUNICAT FACILITY
TEXAS DALLAS GRND PRAIRIE							
NATIONAL GUARD	0	0	2500	0	0	0	
TEXAS DALLAS SEAGOVILLE							
GEN INDUSTR FED CORRECT	0	0	0	0	0	0	INCLUDED IN CORRECT INST
FED CORREC-TIONAL INST	0	0	141000	0	0	0	
TEXAS DENTON DENTON							
POST OFFICE 218 N LOCUST	0	0	65	0	0	0	REFUSE COLLECTED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FEDERAL CNTR HIWAY 288	0	54	302	0	0	0	
FED OFFICE SITE	0	0	0	0	0	0	NO BLDG ON SITE
TEXAS DENTON LEWISVILLE							
LEWISVILLE DAM	0	0	120	0	0	0	
RADIO FACIL-ITY LEWISVIL	0	0	0	0	0	0	
TEXAS DENTON PONDER							
FAA--RMLR	0	0	0	0	0	0	RADAR MICRO-WAVE LINK
TEXAS DENTON NO CITY ID							
NIKE DALLAS-FT WORTH 01	0	0	0	0	0	0	CLOSED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
HIGH FREQ RADIO DENTON	0	0	0	0	0	0	NO PERSONAL AT INST
TEXAS ELLIS BRITTON							
FAA--VTAC	0	0	0	0	0	0	RANGE/DIRECT AID
TEXAS ELLIS ENNIS							
POST OFFICE W KNOX ST	0	0	499	0	0	0	REFUSE COLLECTED
BARDWELL RESERVOIR	0	0	0	0	0	0	
TEXAS ELLIS WAXAHATCHIE							
PO, FED BLDG 401 S ROGERS	0	0	525	0	0	0	

TABLE I

FUEL USAGE AND REFUSE DISPUSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FEDERAL CNTR HIWAY 288	0	54	302	0	0	0	
FED OFFICE SITE	0	0	0	0	0	0	NO BLDG ON SITE
TEXAS DENTON LEWISVILLE							
LEWISVILLE DAM	0	0	120	0	0	0	
RADIO FACIL-ITY LEWISVIL	0	0	0	0	0	0	
TEXAS DENTON PONDER							
FAA--RMLR	0	0	0	0	0	0	RADAR MICRO-WAVE LINK
TEXAS DENTON NO CITY ID							
NIKE DALLAS-FT WORTH 01	0	0	0	0	0	0	CLOSED

TABLE I

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LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DISY OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
HIGH FREQ RADIO DENTON	0	0	0	0	0	0	NO PERSONAL AT INST
TEXAS ELLIS BRITTON							
FAA--VTAC	0	0	0	0	0	0	RANGE/DIRECT AID
TEXAS ELLIS ENNIS							
POST OFFICE W KNOX ST	0	0	499	0	0	0	REFUSE COLLECTED
BARDWELL RESERVOIR	0	0	0	0	0	0	
TEXAS ELLIS WAXAHATCHIE							
PO, FED BLDG 401 S ROGERS	0	0	525	0	0	0	

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
TEXAS JOHNSON CLEBURNE							
POST OFFICE N ROBINSON	0	0	736	0	0	0	REFUSE COLLECTED
TEXAS JOHNSON NO CITY ID							
NIKE DALLAS- FT WORTH 50	0	0	0	0	0	0	CLOSED
TEXAS KAUFMAN KAUFMAN							
POST OFFICE W MULBERRY	0	0	317	0	0	0	REFUSE COLLECTED
TEXAS KAUFMAN TERRELL							
FED BLDG FRANCIS AVE	0	0	1106	0	0	0	

TABLE I

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LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
TEXAS KAUFMAN NO CITY ID							
NIKE DALLAS-FT WORTH 20	0	0	0	0	0	0	CLOSED
TEXAS PARKER MILLSAP							
FAA--VTAC	0	0	0	0	0	0	RANGE/DIRECT AID
TEXAS PARKER WEATHERFORD							
POST OFFICE 117 FT WORTH	0	0	933	0	0	0	REFUSE COLLECTED
TEXAS PARKER NO CITY ID							
FORT WOLTERS	0	0	193930	0	0	0	REFUSE COLLECTED

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LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
TEXAS ROCKWALL ROCKWALL							
POST OFFICE & FED BLDG	0	0	3200	0	0	0	
TEXAS TARRANT BENBROOK							
CARSWELL 02 VOR	0	0	0	0	0	0	RANGE/DIRECT AID
CARSWELL OM	0	0	0	0	0	0	OUTER MARKER
TEXAS TARRANT CARSWELL AFB							
CARSWELL AFB	0	1475	352232	0	0	0	
TEXAS TARRANT FORT WORTH							
NAT FISH HATCHERY	0	25	0	0	0	0	

TABLE I

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LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
POST OFFICE JENNINGS ST	0	0	11908	0	0	0	REFUSE COLLECTED
CTHSE, 10TH & LAMAR STS	0	0	6224	0	0	0	REFUSE COLLECTED
FED BLDG 819 TAYLOR	0	0	168912	0	0	0	REFUSE COLLECTED
PARKING FAC. 1065 LAMAR	0	0	0	0	0	0	
FEDERAL CTR HEMPHILL ST	0	0	80402	0	0	0	REFUSE COLLECTED
FAA REGIONAL OFFICE	0	0	70052	0	0	0	
FAA--ARTCC	0	0	1697	0	0	0	AIR TRAFFIC CNTRL CTR

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--LOC	0	0	0	0	0	0	HORIZONTAL NAV AID
FAA--ALSF	0	0	0	0	0	0	APPROACH LIGHT SYSTEM
FAA--GS	0	0	0	0	0	0	VERTICAL NAV AID
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/. RECEIVER
FAA--OM	0	0	0	0	0	0	OUTER MARKER
FAA--RCAG	0	0	0	0	0	0	VHF RADIO EQUIPMENT
FAA--ESS	0	0	0	0	0	0	NAVIGATIONAL AID

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--VTAC	0	0	0	C	0	0	RANGE/DIRECT AID
FAA--ASR	0	0	0	0	0	0	AIRPORT RADAR
FAA--YL	0	0	0	0	0	0	NAVIGATIONAL AID
FAA--MM	0	0	0	0	0	0	MIDDLE MARKER
FAA--LOC	0	0	0	0	0	0	HORIZONTAL NAV AID
FAA--GS	0	0	0	0	0	0	VERTICAL NAV AID
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--LOC	0	0	0	0	0	0	HORIZONTAL NAV AID
FAA--ALSF	0	0	0	0	0	0	APPROACH LIGHT SYSTEM
FAA--GS	0	0	0	0	0	0	VERTICAL NAV AID
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/. RECEIVER
FAA--OM	0	0	0	0	0	0	OUTER MARKER
FAA--RCAG	0	0	0	0	0	0	VHF RADIO EQUIPMENT
FAA--ESS	0	0	0	0	0	0	NAVIGATIONAL AID

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--VTAC	0	0	0	C	0	0	RANGE/DIRECT AID
FAA--ASR	0	0	0	0	0	0	AIRPORT RADAR
FAA--YL	0	0	0	0	0	0	NAVIGATIONAL AID
FAA--MM	0	0	0	0	0	0	MIDDLE MARKER
FAA--LOC	0	0	0	0	0	0	HORIZONTAL NAV AID
FAA--GS	0	0	0	0	0	0	VERTICAL NAV AID
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--MM	0	0	0	0	0	0	MIDDLE MARKER
FAA--RTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER
NIMH CLINICL RES CTR	0	0	258876	0	0	0	REF HAULED TO CITY DUMP
RADIO FAC BENBROOK	0	0	0	0	0	0	
NAVAL RESRVE TNG CTR	0	0	4541	0	0	0	
ARMY RESERVE CTR FT WORTH	0	0	2000	0	0	0	REFUSE COLLECTED
SAGINAW ARMY AIRCRAFT PLT	0	0	52099	0	0	0	REFUSE COLLECTED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
AF PLANT 04	0	0	1660000	0	0	0	EMISSIONS ESTIMATED
CARSWELL 02 LIT	0	0	0	0	0	0	
CARSWELL 01 CST	0	0	0	0	0	0	
CARSWELL 02 CST	0	0	0	0	0	0	
FT WORTH ARC	0	0	0	0	0	0	INCLUD USARC FT WORTH
CARSWELL AMO	0	0	0	0	0	0	STORAGE ONLY
TEXAS TARRANT KELLER							
FAA--ARSR	0	0	0	0	0	0	LONGRANGE RADAR

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
FAA--RCAG	0	0	0	0	0	0	VHF RADIO EQUIPMENT
FAA--RMLR	0	0	0	0	0	0	RADAR MICRO-WAVE LINK
TEXAS TARRANT FT MANSFIELD							
PORT OCONNOR STATION	0	0	0	0	0	0	REFUSE CONTR HAULED
PORT MANS-FIELD LASTA	0	0	0	0	0	0	REF HAULED TO CITY DUMP
PORT MANSFLD FAM HSG	0	0	0	0	0	0	
TEXAS TARRANT SAGINAW							
FAA--OM	0	0	0	0	0	0	OUTER MARKER

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

LOCATIONS	REFUSE (LBS/DAY)		FUELS (PER YEAR)				COMMENTS
	OPEN BURNING	INCIN-ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	
CARSWELL 01 VOR	0	0	0	0	0	0	RANGE/DIRECT AID
TEXAS TARRANT WHITE STLMNT							
CARSWELL MM	0	0	0	0	0	0	MIDDLE MARKER
TEXAS WISE BOYD							
FAA--RMLR	0	0	0	0	0	0	RADAR MICRO-WAVE LINK
TEXAS WISE BRIDGEPORT							
FAA--VTAC	0	0	0	0	0	0	RANGE/DIRECT AID
TEXAS WISE DECATUR							
POST OFFICE S TRINITY ST	0	0	243	0	0	0	REFUSE COLLECTED

TABLE II

ANNUAL FUEL USE BY FEDERAL FACILITIES

	COAL (TONS)	RESID OIL (GAL)	DIST OIL (GAL)	GAS (MCF)
TEXAS				
COLLIN	0.	0.	0.	2523.
DALLAS	0.	C.	0.	1491574.
DENTON	0.	0.	0.	487.
ELLIS	0.	0.	0.	1024.
JOHNSON	0.	0.	0.	736.
KAUFMAN	0.	0.	0.	1423.
PARKER	0.	0.	0.	194863.
ROCKWALL	0.	0.	0.	3200.
TARRANT	0.	0.	0.	2668943.
WISE	0.	0.	0.	243.
TOTAL	0.	C.	0.	4365016.

TABLE III

FEDERAL CONTRIBUTION TO AIR POLLUTION
(TONS/YEAR)

	SOX	NOX	CO	PART	HC
TEXAS					
COLLIN	0.	0.	0.	0.	0.
DALLAS	3.	210.	31.	20.	2000.
DENTON	0.	0.	0.	0.	0.
ELLIS	0.	0.	0.	0.	0.
JOHNSON	0.	0.	0.	0.	0.
KAUFMAN	0.	0.	0.	0.	0.
PARKER	0.	11.	0.	2.	0.
ROCKWALL	0.	0.	0.	0.	0.
TARRANT	1.	250.	5.	25.	2300.
WISE	0.	0.	0.	0.	0.
STATE TOTAL	4.	470.	36.	47.	4300.
AREA TOTAL	4.	470.	36.	47.	4300.

NOTE: (1) EMISSIONS REPORTED IN SIGNIFICANT FIGURES
(2) EMISSIONS LESS THAN 0.5 TONS/YR REPORTED AS ZERO

TABLE IV

FEDERAL POINT SOURCES
(TONS/YEAR)

	SOX	NOX	CO	PART	HC
TEXAS					
DALLAS					
NAVY AIRCRFT PLANT	2.	190.	19.	16.	2000.
TARRANT					
AF PLANT 04	0.	180.	0.	15.	2200.

NOTE: (1) A POINT SOURCE IS AN INSTALLATION WHICH EMITS OVER 100 TONS/YEAR OF ONE OR MORE OF THE FIVE POLLUTANTS
(2) EMISSIONS REPORTED IN SIGNIFICANT FIGURES

TABLE V

ABATEMENT PROGRAM FOR FEDERAL PROBLEM AREAS

A. Problem
B. Abatement measures proposed in five year plan *
C. Abatement measures accomplished or in progress

TEXAS

DALLAS COUNTY

DALLAS

Veterans Administration Hospital

A. Incinerator
B. Update incinerator and add scrubber
C. Preliminary planning - completion 6/71

SEAGOVILLE

Federal Correctional Institution

A. Open burning and inadequate landfill
B. Install 600 lb/hr incinerator, develop adequate landfill for noncombustibles
C. Under design - completion 6/72

DENTON COUNTY

DENTON

Federal Center

A. 200 lb/hr incinerator
B. Abandon incinerator, install pulper
C. Under construction, completion 6/71

PARKER COUNTY

NO CITY IDENTIFICATION

Fort Wolters

A. Two classified waste incinerators
B. Install shredders
C. Completed 9/70

* 1967-72 plan per Executive Order 11282, superseded by Executive Order 11507.

TARRANT COUNTY

CARSWELL AFB

Carswell Air Force Base

A. Classified waste incinerator
B. Install dry type pulverizer-destructor
C. Preliminary planning - completion 8/72

FORT WORTH

National Institute of Mental Health Clinical Research Center

A. Single chamber incinerator
B. Contract haul to county landfill
C. Completed

Air Force Plant 04

A. Hydrocarbon Emissions
B. Stack controls
C. Study in progress

TABLE VI

POLLUTANT REDUCTION GOALS
(TONS/YEAR)

	SOX	NOX	CO	PART	HC
TEXAS					
COLLIN	0	0	0	0	0
DALLAS	0	0	0	0	0
DENTON	0	0	0	0	0
ELLIS	0	0	0	0	0
JOHNSON	0	0	0	0	0
KAUFMAN	0	0	0	0	0
PARKER	0	0	0	1	0
ROCKWALL	0	0	0	0	0
TARRANT	0	0	0	0	0
WISE	0	0	0	0	0
STATE TOTAL	0	0	0	1	0
AREA TOTAL	0	0	0	1	0

NOTE: THESE REDUCTIONS WILL RESULT FROM ABATEMENT MEASURES PROPOSED, BUT NOT YET ACCOMPLISHED, IN THE FIVE-YEAR PLAN.

REFERENCES AND NOTES

1. Duprey, R.L., Compilation of Air Pollutant Emission Factors, Public Health Service Publication No. 999-AP-42, 1968.

   All calculated emissions are based on these factors.

2. Report of Consultation on the Metropolitan Dallas - Ft. Worth Intrastate Air Quality Control Region, Public Health Service October 1969.

   Data on emissions from all sources used to calculate percent government contribution were obtained from this report.

3. Clean Air Act, as amended (42 U.S.C. 1857 - 1857L) Sec 107, Sec 111. November 21, 1967.

4. Executive Order 11507, Prevention, Control, and Abatement of Air and Water Pollution at Federal Facilities, February 4, 1970.

5. Title 42 - Public Health, Chapter I, Subchapter F, Part 76, June 2, 1966.

6. Bureau of the Budget Circular A-78, May 18, 1970.

7. 1970 GSA Listing of Real Property owned by the Federal Government.